

SYSTEM AND BUILDING FOR GENERATING ELECTRICITY USING WIND POWER

ABSTRACT OF THE DISCLOSURE

The present invention provides a system and building for generating electricity using wind power. The invention includes an enclosure, a wind turbine and two or more air ducts. The enclosure, which is to be mounted within or in close proximity to a building, has an air intake and an air exhaust has an air intake and an air exhaust. The wind turbine generates electricity from the wind received from the air intake and is disposed within the enclosure between the air intake and the air exhaust. Each air duct has a first end connected to an air duct intake device and a second end connected to the enclosure air intake.